



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
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EFS ID: 60369  
Application ID: 10601693  
Title of Invention: Asymmetric Modem  
Communications Systems and  
Method  
First Named Inventor: William Betts  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2003-06-23  
Effective Receipt Date: 2004-05-05  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 7220  
Attorney Docket Number: TI-30518A  
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Deposit Account Number: 200668  
Deposit Account Name: David Denker  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2004-05-05  
RAM Sequence Number: 11



Digital Certificate Holder: cn=T. David Denker,ou=Registered Attorneys,ou=Patent and Trademark  
Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: adef06a2dc68ae069208551b39eee10c393fe87a



## TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

<b>Title of Invention</b>	Asymmetric Modem Communications Systems and Method															
Application Number: 10/601693 Date: 2003-06-23 First Named Applicant: Mr. William Betts																
Confirmation Number: 7220 Attorney Docket Number: TI-30518A																
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<b>Submitted by:</b>	<b>Elec. Sign.</b>	<b>Sign. Capacity</b>														
David Denker Registered Number: 40987	DD	Attorney														
<table><tr><td><b>Documents being submitted</b></td><td><b>Files</b></td></tr><tr><td>us-fee-sheet</td><td>TI-30518A-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>TI-30518A-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			<b>Documents being submitted</b>	<b>Files</b>	us-fee-sheet	TI-30518A-usfees.xml		us-fee-sheet.xsl		us-fee-sheet.dtd	us-ids	TI-30518A-usidst.xml		us-ids.dtd		us-ids.xsl
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	us-ids.xsl															



Comments

**FEE TRANSMITTAL**

Electronic Version v08  
Stylesheet Version v08.0

<b>Title of Invention</b>	Asymmetric Modem Communications Systems and Method										
Application Number: 10/601693 Date: 2003-06-23 First Named Applicant: Mr. William Betts Attorney Docket Number: TI-30518A											
<b>TOTAL FEE AUTHORIZED \$180</b>  Patent fees are subject to annual revisions on or about October 1st of each year.											
<b>BASIC FILING FEE</b>											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
<b>AUTHORIZED BILLING INFORMATION</b> The commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit account number: 200668 Access Code ***** Deposit name: Texas Instruments, Incorporated Deposit authorized name: David Denker Signature: DD Date (YYYYMMDD): 2004-05-04  Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.											



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Asymmetric Modem Communications Systems and Method																																																																																																
<p>Application Number: 10/601693</p> <p>Confirmation Number: 7220</p> <p>First Named Applicant: William Betts</p> <p>Attorney Docket Number: TI-30518A</p> <p>Search string: ( 3610829 or 3646445 or 3758861 or 3806810 or 3825831 or 3862371 or 3922497 or 4491869 or 4492953 or 4597073 or 4610018 or 4633483 or 4731834 or 4860313 or 4884285 or 4890303 or 4933956 or 4937844 or 4953180 or 4958158 or 4991169 or 5031195 or 5033062 or 5040190 or 5095497 or 5103227 or 5150381 or 5177734 or 5233629 or 5329308 or 5343500 or 5394437 or 5396519 or 5406583 or 5410754 or 5450412 or 5450530 or 5475711 or 5483530 or 5528679 or 5550881 or 5550908 or 5579369 or 5631923 or 5652782 or 5663982 or 5671251 or 5724393 or 5801695 or 5809075 ).pn.</p> <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>3610829</td><td>1971-10-05</td><td>Dinkel</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>3646445</td><td>1972-02-29</td><td>Reindl</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>3758861</td><td>1973-09-11</td><td>De Jager</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>3806810</td><td>1974-04-23</td><td>Widmer</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>3825831</td><td>1974-07-23</td><td>Ishiguro</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>3862371</td><td>1975-01-21</td><td>Neustadt</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>3922497</td><td>1975-11-25</td><td>Artom</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>4491869</td><td>1985-01-01</td><td>Heitmann</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>4492953</td><td>1985-01-08</td><td>Rathgeber</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>4597073</td><td>1986-06-24</td><td>Staples</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>4610018</td><td>1986-09-02</td><td>Rabaey</td><td></td><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	3610829	1971-10-05	Dinkel					2	3646445	1972-02-29	Reindl					3	3758861	1973-09-11	De Jager					4	3806810	1974-04-23	Widmer					5	3825831	1974-07-23	Ishiguro					6	3862371	1975-01-21	Neustadt					7	3922497	1975-11-25	Artom					8	4491869	1985-01-01	Heitmann					9	4492953	1985-01-08	Rathgeber					10	4597073	1986-06-24	Staples					11	4610018	1986-09-02	Rabaey			
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	12	4633483	1986-12-30	Takahashi
	13	4731834	1988-03-15	Duttweiler
	14	4860313	1989-08-22	Shpiro
	15	4884285	1989-11-28	Heynen
	16	4890303	1989-12-26	Bader
	17	4933956	1990-06-12	Forney, Jr.
	18	4937844	1990-06-26	Kao
	19	4953180	1990-08-28	Fieschi
	20	4958158	1990-09-18	Hashizume
	21	4991169	1991-02-05	Davis
	22	5031195	1991-07-09	Chevillat
	23	5033062	1991-07-16	Morrow
	24	5040190	1991-08-13	Smith
	25	5095497	1992-03-10	Aman
	26	5103227	1992-04-07	Betts
	27	5150381	1992-09-22	Forney, Jr.
	28	5177734	1993-01-05	Cummiskey
	29	5233629	1993-08-03	Paik
	30	5329308	1994-07-12	Binns
	31	5343500	1994-08-30	Betts
	32	5394437	1995-02-28	Ayanoglu
	33	5396519	1995-03-07	Betts
	34	5406583	1995-04-11	Dagdeviren
	35	5410754	1995-04-25	Klotzbach
	36	5450412	1995-09-12	Takebayashi
	37	5450530	1995-09-12	Snyder
	38	5475711	1995-12-12	Betts
	39	5483530	1996-01-09	Davis
	40	5528679	1996-06-18	Taarud
	41	5550881	1996-08-27	Sridhar
	42	5550908	1996-08-27	Cai
	43	5579369	1996-11-26	Feiner
	44	5631923	1997-05-20	Kaku
	45	5652782	1997-07-29	Hughes-Hartogs
	46	5663982	1997-09-02	Hodge
	47	5671251	1997-09-23	Blackwell



	48	5724393	1998-03-03	Dagdeviren
	49	5801695	1998-09-01	Townshend
	50	5809075	1998-09-15	Townshend

## Remarks

Note: Remarks are not for responding to an office action.

As this submission is prior to the first office action, Applicant believes that no fee is due. As a precautionary measure, Applicant is submitting the standard \$180 fee via ePave 5.1. If no fee is due, please refund the excess fee (or charge any other required fee) to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

## Signature

Examiner Name	Date